

## REMARKS

In accordance with the foregoing, claim 14 is amended and new claims 27-39 are added. Applicant respectfully submits that no new matter has been added. Accordingly, claims 1, 3-5, 7-14, and 16-25, and 27-39 are pending and under consideration.

### Claims 1, 3-5, and 7-10

Applicant notes that pages 4-5 of the Office Action indicates that claim 1, 3-5, and 7-10 are in condition for allowance.

### Rejection of Claims 11-14, 17, and 22-25 Under 35 U.S.C. § 102(e)

The Office Action rejects claims 11-14, 17, and 22-25 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,684,456 issued to Lee. This rejection is respectfully traversed.

Lee does not disclose, teach, or suggest at least, “the hinge body comprises a first protrusion,” as recited in claim 11.

On page 2, the Office Action asserts that upper hinge 113 and lower hinge 126 of Lee denote “a hinge body” as recited in claim 11. On pages 2 and 3, the Office Action further asserts that (1) Lee’s position-fixing member 115 denotes a hinge cam and that (2) Lee’s slide projection 143 teaches a protrusion of the hinge body (Lee’s upper hinge 112 and lower hinge 126 according to the Office Action).

However, the Office Action does not assert that Lee’s position fixing member 115 is part of “a hinge body.” Because Lee does not teach Lee’s upper hinge 113 and lower hinge 126 including the position-fixing member 115, Lee’s upper hinge 113 and lower hinge 126 cannot include a slide projection 143 of Lee’s fixing member 115. Accordingly, based on the assertions made in the Office Action, Lee’s slide projection 143 cannot anticipate “a hinge body comprising a protrusion,” as recited in claim 11.

In addition, claim 11 recites, as separate elements of a hinge apparatus, “a hinge body, with...a supporting bracket,” and “a hinge cam,..., rotatably connected to the supporting bracket...” Claim 11 does not indicate that the hinge body includes the hinge cam. Instead, claim 11 recites, “the hinge body comprises a first protrusion.” In contrast, the slide projection 143 of Lee is part of a position-fixing member 115 instead of a “hinge body.” Therefore, for at least these reasons, claim 11 is patentably distinguishable from Lee.

Claims 12-14, 17, and 22-25 depend from claim 11 and include the features of claim 11. Therefore, for at least these reasons, claims 12-14, 17, and 22-25 are also patentably distinguishable from the cited references.

Accordingly, withdrawal of this rejection is respectfully requested.

Rejection of Claim 21 Under 35 U.S.C. § 103(a)

The Office Action rejects claim 21 under 35 U.S.C. § 103(a) as being unpatentable over Lee. This rejection is respectfully traversed.

As discussed above, Lee does not disclose, teach, or suggest at least, "the hinge body comprises a first protrusion," as recited in claim 11. Claim 21 depends from claim 11 and includes all of the features of claim 11. Therefore, for at least these reasons, claim 21 is patentably distinguishable over the cited reference. Accordingly, withdrawal of this rejection is respectfully requested.

In addition, both Lee and the present application (invented by the applicant, Mr. Choi) are assigned to Samsung Electronics Co. Ltd. In addition, Lee qualifies as prior art under 35 U.S.C. §102(e). It is respectfully submitted that Lee and the claimed invention were, at the time the claimed invention was made, owned by Samsung Electronics Co. Ltd or subject to an obligation of assignment to Samsung Electronics Co. Ltd. Under 35 U.S.C. §103(c)(1), the Examiner cannot reject claim 21 under 35 U.S.C. §103 by applying Lee. Therefore, for at least these reasons, withdrawal of this rejection is respectfully requested.

Objection to Claims 16 and 18-20

The Office Action objects to claims 16 and 18-20 as being dependent upon rejected base claim 11, but indicates that these claims would be allowable if rewritten in independent form. This objection is respectfully traversed.

As discussed above, claim 11 is patentably distinguishable over Lee. Therefore, withdrawal of this objection is respectfully requested.

Summary

Claims 1, 3-5, 7-14, and 16-25, and 27-39 are pending and under consideration.<sup>1</sup> It is respectfully submitted that none of the references taken alone or in combination disclose the present claimed invention.

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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